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FORM 1449  US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO.: SALK 2270	SERIAL NO.: 09/005,286
	APPLICANT(S): Evans and Blumberg	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Jan. 9, 1998	GROUP ART UNIT: 1643

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	NONE					



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	Adlercreutz and Mazur, "Phyto-oestrogens and Western Diseases" <i>Ann. Med.</i> 29:95-120 (1997)
	Altschul, et al., "Basic Local Alignment Search Tool" <i>J. Mol. Biol.</i> 215:403-140 (1990)
	Baes, et al., "A New Orphan Member of the Nuclear Hormone Receptor Superfamily That Interacts with a Subset of Retinoic Acid Response Elements" <i>Molecular and Cellular Biology</i> 14 (3):1544-1552 (1994)
	Bahouth, et al., "Immunological approaches for probing receptor structure and function" <i>TIPS</i> (12):338-343 (1991)
	Beato, et al., "Steroid Hormone Receptors: Many Actors in Search of Plot" <i>Cell</i> 83:851-857 (1995)
	Blumberg, et al., "Novel retinoic acid receptor ligands in <i>Xenopus</i> embryos" <i>Proc. Natl. Acad. Sci. USA</i> 93:4873-4878 (1996)

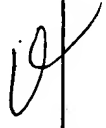

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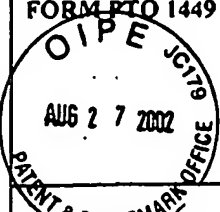
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	Burger, et al., "Paradoxical transcriptional activation of hepatic cytochrome P-450 3A1 by dexamethasone and the antiglucoctocoid pregnenolone 16 α -carbonitrile: Analysis by transient transfection into primary monolayer cultures of adult rat hepatocytes" <i>Proc. Natl. Acad. Sci. USA</i> 89:2145-2149 (1992)
BOOK	Current Protocols in Molecular Biology (Ausubel et al., eds.) John Wiley and Sons, New York (1989)
	Denison and Whitlock, Jr., "Xenobiotic-inducible Transcription of Cytochrome P450 Genes" <i>The Journal of Biological Chemistry</i> 270 (31):18175-18178 (1995)
	Devereaux, et al., "A comprehensive set of sequence analysis programs for the VAX" <i>Nucleic Acids Research</i> 12 (1):387-395 (1984)
	Elshourbagy and Guzelian, "Separation, Purification, and Characterization of a Novel Form of Hepatic Cytochrome P-450 from Rats Treated with Pregnenolone-16 α -carbonitrile" <i>The Journal of Biological Chemistry</i> 255 (4):1279-1285 (1980)
	Enmark and Gustafsson, "Orphan Nuclear Receptors-The First Eight Years" <i>Molecular Endocrinology</i> 10 (11):1293-1307 (1996)
	Evans, R. M., "The Steroid and Thyroid Hormone Receptor Superfamily" <i>Science</i> 240:889-895 (1988)
	Fernandez-Salguero and Gonzalez, "The CYP2A gene subfamily: species differences, regulation, catalytic activities and role in chemical carcinogenesis" <i>Pharmacogenetics</i> 5:S123-S128 (1995)
	Forman, et al., "Hypolipidemic drugs, polyunsaturated fatty acids, and eicosanoids are ligands for peroxisome proliferator-activated receptors α and δ " <i>Proc. Natl. Acad. Sci. USA</i> 94:4312-4317 (1997)

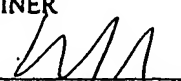
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	APPLICANT(S): Evans and Blumberg	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Jan. 9, 1998	GROUP ART UNIT: 1643

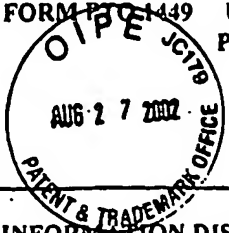
	Forman, et al., "Unique in Response Pathways Are Established by Allosteric Interactions among Nuclear Hormone Receptors" <i>Cell</i> 81:541-550 (1995)
	Gonzalez, et al., "Complete cDNA and Protein Sequence of a Pregnenolone 16 α -Carbonitrile-induced Cytochrome P-450" <i>The Journal of Biological Chemistry</i> 260 (12):7435-7441 (1985)
	Gonzalez, et al., "Pregnenolone 16 α -Carbonitrile-Inducible P-450 Gene Family: Gene Conversion and Differential Regulation" <i>Molecular and Cellular Biology</i> 6 (8):2969-2976 (1986)
	Gottlicher, et al., "Fatty acids activate a chimera of the clofibric acid-activated receptor and the glucocorticoid receptor" <i>Proc. Natl. Acad. Sci. USA</i> 89:4653-4657 (1992)
	Hankinson, O., "THE ARYL HYDROCARBON RECEPTOR COMPLEX" <i>Ann. Rev. Pharmacol. Toxicol.</i> 35:307-340 (1995)
	Hardwick, et al., "Cloning of DNA Complementary to Cytochrome P-450 Induced by Pregnenolone-16 α -carbonitrile" <i>The Journal of Biological Chemistry</i> 258 (16):10182-10186 (1983)
	Henikoff and Henikoff, "Amino acid substitution matrices from protein blocks" <i>Proc. Natl. Acad. Sci. USA</i> 89:10915-10919 (1992)
	Heuman, et al., "Immunochemical Evidence for Induction of a Common Form of Hepatic Cytochrome P-450 in Rats Treated with Pregnenolone-16 α -carbonitrile or other Steroidal or Non-Steroidal Agents" <i>Molecular Pharmacology</i> 21:753-760 (1982)
	Hollenberg, et al., "Primary structure and expression of a functional human-glucocorticoid receptor cDNA" <i>Nature</i> 318 (6047):635-641 (1985)
	Jonat, et al., "Antitumor Promotion and Antiinflammation: Down-Modulation of AP-1 (Fos/Jun) Activity by Glucocorticoid Hormone" <i>Cell</i> 62:1189-1204 (1990)



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: Jan. 9, 1998	GROUP ART UNIT: 1643

	Juchau, M.R., "SUBSTRATE SPECIFICITIES AND FUNCTIONS OF THE P450 CYTOCHROMES" <i>Life Sciences</i> 47:2385-2394 (1990)
	Ladias and Karathanasis, "Regulation of the Apolipoprotein AI Gene by ARP-1, a Novel Member of the Steroid Receptor Superfamily" <i>Science</i> 251:561-565 (1991)
	Mangelsdorf and Evans, "The RXR Heterodimers and Orphan Receptors" <i>Cell</i> 83:841-850 (1995)
	Mangelsdorf, et al., "The Nuclear Receptor Superfamily: The Second Decade" <i>Cell</i> 83:835-839 (1995)
	Miyata, et al., "Transcriptional Elements Directing a Liver-Specific Expression of P450/6 β A (CYP3A2) Gene-Encoding Testosterone 6 β -Hydroxylase" <i>Archives of Biochemistry and Biophysics</i> 318 (1):71-79 (1995)
	Nebert and Gonzalez, P450 GENES: STRUCTURE, EVOLUTION, AND REGULATION" <i>Ann. Rev. Biochem.</i> 56:945-993 (1987)
	Needleman and Wunsch, "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins" <i>J. Mol. Biol.</i> 48:443-453 (1970)
	O'Malley and Conneely, "Orphan Receptors: In Search of Unifying Hypothesis for Activation" <i>Molecular Endocrinology</i> 6 (9):1359-1361 (1992)
	Ogura and Evans, "A retinoic acid-triggered cascade of <i>HOXB1</i> gene activation" <i>Proc. Natl. Acad. Sci. USA</i> 92:387-391 (1995)
	Perlmann et al., "Determination for selective RAR and TR recognition of direct repeat HREs" <i>Genes Dev.</i> 7:1411-1422 (1993)
	Quattrochi, et al., "A Novel <i>cis</i> -Acting Element in a Liver Cytochrome P450 3A Gene Confers Synergistic Induction by Glucocorticoids plus Antiglucocorticoids" <i>The Journal of Biological Chemistry</i> 270 (48):28917-28923 (1995)
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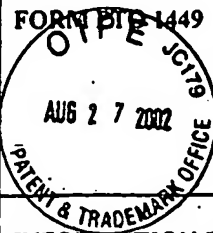
U	Russell and Wilson, "STEROID 5 α -REDUCTASE: TWO GENES/TWO ENZYMES" <i>Ann. Rev. Biochem.</i> 63:25-61 (1994)
N	Scheutz and Guzelian, "Induction of Cytochrome P-450 by Glucocorticoids in Rat Liver I. EVIDENCE THAT GLUCOCORTICOIDS REGULATE INDUCTION OF CYTOCHROME p-450 BY A NONCLASSICAL RECEPTOR MECHANISM" <i>The Journal of Biological Chemistry</i> 259 (3):2007-2012 (1984)
	Scheutz, et al., "Induction of Cytochrome P-450 by Glucocorticoids in Rat Liver I. EVIDENCE THAT GLUCOCORTICOIDS AND PREGNENOLONE 16 α -CARBONITRILE REGULATE <i>DE NOVO</i> SYNTHESIS OF A COMMON FORM OF CYTOCHROME P-450 IN CULTURES OF ADULT RAT HEPATOCYTES AND IN THE LIVER <i>IN VIVO</i> " <i>The Journal of Biological Chemistry</i> 259 (3):1999-2006 (1984)
	Schuele, et al., "Functional Antagonism between Oncoprotein c-Jun and the Glucocorticoid Receptor" <i>Cell</i> 62:1217-1226 (1990)
	Selye, H., "Hormones and Resistance" <i>Journal of Pharmaceutical Sciences</i> 60 (1):1-28 (1971)
	Smith, et al., "A novel nuclear receptor superfamily member in <i>Xenopus</i> that associates with RXR, and shares extensive sequence similarity to the mammalian vitamin D3 receptor" <i>Nucleic Acids Research</i> 22 (1):66-71 (1994)
	Staden, R., "The current status and portability of our sequence handling software" <i>Nucleic Acids Research</i> 14 (1):217-231 (1986)
	Sucov, et al., "Characterization of an autoregulated response element in the mouse retinoic acid receptor type β gene" <i>Proc. Natl. Acad. Sci. USA</i> 87:5392-5396 (1990)
o	Umesono et al., "Direct Repeats as Selective Response Elements for the Thyroid Hormone, Retinoic Acid, and Vitamin D ₃ Receptors" <i>Cell</i> 65:1255-1266 (1991)



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	Willy, et al., "LXR, a nuclear receptor that defines a distinct retinoid response pathway" <i>Genes & Development</i> 9:1033-1045 (1995)
	Yang-Yen, et al., "Transcriptional Interference between c-Jun and the Glucocorticoid Receptor: Mutual Inhibition of DNA Binding Due to Direct Protein-Protein Interaction" <i>Cell</i> 62:1205-1215 (1990)

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<i>d</i>	A1	WO 99/19354	4/22/99	PCT (Berkenstam et al.)				
<i>a</i>	A2	WO 99/48915	9/30/99	PCT (Kliwer et al.)				
<i>u</i>	A3	WO 99/61622	12/2/99	PCT (Liddle et al.)				

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